

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"7,249,936"	US-PGPUB; USPAT	OR	OFF	2008/07/29 08:31
S2	10202	compressor and "417".clas.	US-PGPUB; USPAT	OR	OFF	2008/07/29 09:31
S3	8	S2 and key and (eccentric adj sleeve)	US-PGPUB; USPAT	OR	OFF	2008/07/29 09:32
S4	17	"4808084"	US-PGPUB; USPAT	OR	OFF	2008/07/29 09:37
S5	8	S2 and key and (eccentric adj sleeve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/29 09:39
S6	414	key and (eccentric adj sleeve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/29 09:39
S7	25	key and (eccentric adj sleeve) and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/29 09:39
S8	6	dual capacity compressor including power.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	SAME	OFF	2008/07/29 10:43
S9	796	dual capacity compressor including power.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2008/07/29 10:43
S10	182	417/92.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	SAME	OFF	2008/07/29 11:09
S11	16	("1532231" "2014613" "2174114" "2376538" "2490118" "4421463" "4551075" "5118517" "5188517" "5337565"). PN. OR ("6193476").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 11:11
S12	1091	deep adj well adj pump	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 11:21
S13	0	92/60.clas	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 11:22
S14	0	92/60.clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 11:22
S15	523	92/60.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 11:22

S16	5	"6755624"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 11:34
S17	9	ring adj friction adj bearing	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 16:21
S18	27	(reduce adj friction) with (reduce adj surface adj area)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 16:26
S19	9	(reduce adj friction) near (surface adj area)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 16:28
S20	482	(friction) near (surface adj area)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 16:31
S21	8	(reduce adj resistance) near (surface adj area)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 16:32
S22	53	ring near (reduce or decrease) near (friction or resistance)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 16:34
S23	368	(ball near end) with (friction or resistance)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 16:40
S24	8	(ball near end) near (friction or resistance)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 16:40
S25	3	(circular adj end) with (reduce near (friction or resistance))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 16:41
S26	622	(bushing) with (reduce near (friction or resistance))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 16:44
S27	40	(bushing) near(reduce near (friction or resistance))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 16:45
S28	701596	ball (reduce near (friction or resistance))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 16:47
S29	1836	ball with (reduce near (friction or resistance))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 16:47
S30	1258	ring with (reduce near (friction or resistance))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 16:47
S31	69	ring near (reduce near (friction or resistance))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 16:49
S32	70	ring with (rotate or rotating) with (reduce near (friction or resistance))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 16:51
S33	111	(circle or round) with (reduce adj (friction))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 16:55
S34	106	ring adj2 (reduce adj friction)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 17:03
S35	53	(roller adj ring) with (friction or resistance)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 17:07
S36	0	("2007/0277525").URPN.	USPAT	OR	OFF	2008/07/29 17:10

S37	8981	"circular end"	USPAT	OR	OFF	2008/07/29 17:12
S38	8981	circular adj end	USPAT	OR	OFF	2008/07/29 17:13
S39	8981	(circular adj end)	USPAT	OR	OFF	2008/07/29 17:13
S40	2	(circular adj end) with (spin or rotate) with (friction or resistance)	USPAT	OR	OFF	2008/07/29 17:13
S41	3	((circular or round) adj end) with (spin or rotate) with (friction or resistance)	USPAT	OR	OFF	2008/07/29 17:13
S42	1	((round) adj end) with (spin or rotate) with (friction or resistance)	USPAT	OR	OFF	2008/07/29 17:14
S43	12	((round) adj end) with (friction or resistance)	USPAT	OR	OFF	2008/07/29 17:15
S44	1	aforesaid cap "14" advantageously	US-PGPUB; USPAT	ADJ	OFF	2008/07/29 17:17
S45	11	ring near attached near rotates	US-PGPUB; USPAT	ADJ	OFF	2008/07/29 17:28
S46	10	("0381199" "0444550" "1762289" "2781179" "3926382").PN. OR ("5190236").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 17:30
S47	0	"417.clas"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 17:33
S48	101839	"417".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 17:34
S49	274	S48 and key and crank and compressor	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 17:35
S50	198	S49 and spring	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 17:35
S51	0	S49 and ((non\$linear or non adj linear) near spring)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 17:37
S52	1327	((non\$linear or non adj linear) near spring)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 17:37
S53	26	S52 and "417".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 17:37
S54	10	"5725593"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/30 07:24
S55	116	(non adj uniform) near (spring or elastic)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/30 07:43
S56	1193	(non adj uniform) with (spring or elastic)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/30 07:50
S57	82	(non adj uniform) with (spring or elastic) with diameter	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/30 07:50

S58	5	"6755624"	US-PGPUB; USPAT	OR	OFF	2008/07/30 08:00
S59	2	"10530291"	US-PGPUB; USPAT	OR	OFF	2008/07/30 08:21
S60	0	KR2003/002821	US-PGPUB; USPAT	OR	OFF	2008/07/30 08:26
S61	39	"002821"	US-PGPUB; USPAT	OR	OFF	2008/07/30 08:26
S62	1	"10568621"	US-PGPUB; USPAT	OR	OFF	2008/07/30 08:28
S63	5	"6755624"	US-PGPUB; USPAT	OR	OFF	2008/07/30 08:29
S64	2	"6918335"	US-PGPUB; USPAT	OR	OFF	2008/07/30 08:45
S65	42	"4236874"	US-PGPUB; USPAT	OR	OFF	2008/07/30 08:47
S66	4	non-linear spring reduce compression	US-PGPUB; USPAT	WITH	OFF	2008/07/30 09:24
S67	5	non\$linear spring reduce compression	US-PGPUB; USPAT	WITH	OFF	2008/07/30 09:24
S68	2682	non\$linear spring	US-PGPUB; USPAT	WITH	OFF	2008/07/30 09:25
S69	1045	non\$linear spring	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 09:25
S70	744	non adj (linear or uniform) spring	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 09:26
S71	744	non (linear or uniform) spring	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 09:26
S72	0	(non (linear or uniform) spring) stopper	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 09:26
S73	11	(non (linear or uniform) spring) with stopper	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 09:26
S74	357	92/13.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 10:11
S75	112	92/13.4.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 10:11
S76	430	92/13.7.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 10:11
S77	0	92/13.140.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 10:12
S78	769	92/140.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 10:12
S79	163	417/221.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 10:12
S80	197	417/315.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 10:12

S81	0	(KIM JONG) same (KIM HEE) same (BAE YOUNG) same (ROH CHUL)	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 10:14
S82	1193	(non adj uniform) with (spring or elastic)	US-PGPUB; USPAT; USOCR	NEAR	OFF	2008/07/30 10:14
S83	0	(KIM JONG) same (KIM HEE) same (BAE YOUNG) same (ROH CHUL)	US-PGPUB; USPAT	NEAR	OFF	2008/07/30 10:14
S84	3723	(KIM JONG) or (KIM HEE) or (BAE YOUNG) or (ROH CHUL)	US-PGPUB; USPAT	NEAR	OFF	2008/07/30 10:14
S85	3534	((KIM JONG) or (KIM HEE) or (BAE YOUNG) or (ROH CHUL)).in.	US-PGPUB; USPAT	NEAR	OFF	2008/07/30 10:15
S86	11683	(LG ELECTRONICS INC). as.	US-PGPUB; USPAT	SAME	OFF	2008/07/30 10:17
S87	1251	(LG ELECTRONICS INC). as. and compressor	US-PGPUB; USPAT	SAME	OFF	2008/07/30 10:17
S88	294	(LG ELECTRONICS INC). as. and compressor and "417".clas.	US-PGPUB; USPAT	SAME	OFF	2008/07/30 10:17
S89	11	(LG ELECTRONICS INC). as. and (S74 or S75 or S76 or S77 or S78 or S79 or S80)	US-PGPUB; USPAT	SAME	OFF	2008/07/30 10:18
S90	11	(LG ELECTRONICS).as. and (S74 or S75 or S76 or S77 or S78 or S79 or S80)	US-PGPUB; USPAT	SAME	OFF	2008/07/30 10:18
S91	1976	(S74 or S75 or S76 or S77 or S78 or S79 or S80)	US-PGPUB; USPAT	SAME	OFF	2008/07/30 10:18
S92	0	(kim same jong) (kim same hee) (bae same young) (roh same chul)	US-PGPUB; USPAT	SAME	OFF	2008/07/30 10:20
S93	5399	(kim same jong) (kim same hee) (bae same young) (roh same chul)	US-PGPUB; USPAT	OR	OFF	2008/07/30 10:20
S94	7	S93 and S91	US-PGPUB; USPAT	OR	OFF	2008/07/30 10:20
S95	357	92/13.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 11:21
S96	112	92/13.4.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 11:21
S97	430	92/13.7.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 11:21
S98	0	92/13.140.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 11:21
S99	769	92/140.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 11:21
S100	163	417/221.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 11:21

S101	197	417/315.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 11:21
S102	1976	(S95 or S96 or S97 or S98 or S99 or S100 or S101)	US-PGPUB; USPAT	SAME	OFF	2008/07/30 11:21
S103	2	S102 and (balance near plate)	US-PGPUB; USPAT	SAME	OFF	2008/07/30 11:21
S104	7	S102 and (balance with plate)	US-PGPUB; USPAT	SAME	OFF	2008/07/30 11:22
S105	14	S102 and (balance same plate)	US-PGPUB; USPAT	SAME	OFF	2008/07/30 11:27
S106	16	S102 and ((balance or balancing) same plate)	US-PGPUB; USPAT	SAME	OFF	2008/07/30 11:28
S107	5	"6755624"	US-PGPUB; USPAT	SAME	OFF	2008/07/30 11:30
S108	33	"00941"	US-PGPUB; USPAT	SAME	OFF	2008/07/30 11:32
S109	0	02/097271	US-PGPUB; USPAT	SAME	OFF	2008/07/30 11:33
S110	0	02/097271	US-PGPUB; USPAT; USOCR; EPO; DERWENT	SAME	OFF	2008/07/30 11:33
S111	1	"2004265139"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	SAME	OFF	2008/07/30 11:33
S112	3	"20040265139"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	SAME	OFF	2008/07/30 11:33
S113	60309	balance plate	US-PGPUB; USPAT; USOCR; EPO; DERWENT	SAME	OFF	2008/07/30 11:34
S114	12	((balance or balancing) plate) near (connect or hold)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	NEAR	OFF	2008/07/30 11:34
S115	2013	((balance or balancing) same (plate or member)). ti.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	NEAR	ON	2008/07/30 11:39
S116	350	((balance or balancing) same (plate or member)) same weight.ti.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	NEAR	ON	2008/07/30 11:45
S117	9	((balance or balancing or counter) same (plate or member)) same weight.ti.	US-PGPUB; USPAT; USOCR	NEAR	ON	2008/07/30 11:47
S118	33	((balance or balancing or counter) adj (plate or member)) same weight.ab.	US-PGPUB; USPAT; USOCR	NEAR	ON	2008/07/30 11:48
S119	3	("3999888" "4489605"). PN. OR ("5304038").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/30 11:54
S120	20	balance adj plate same eccentric	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/30 11:54

S121	5	"6755624"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/30 12:21
S122	27787	channel with spring	US-PGPUB; USPAT	OR	OFF	2008/07/30 14:37
S123	0	channel with spring and (lg same "electronics.as")	US-PGPUB; USPAT	OR	OFF	2008/07/30 14:37
S124	0	channel with spring and ("lg.as")	US-PGPUB; USPAT	OR	OFF	2008/07/30 14:37
S125	0	channel and ("lg.as")	US-PGPUB; USPAT	OR	OFF	2008/07/30 14:37
S126	0	channell and ("lg.as")	US-PGPUB; USPAT	OR	OFF	2008/07/30 14:38
S127	11683	(LG ELECTRONICS INC). as.	US-PGPUB; USPAT	SAME	OFF	2008/07/30 14:38
S128	2822	S127 and channel	US-PGPUB; USPAT	SAME	OFF	2008/07/30 14:38
S129	26	S127 and (channel with spring)	US-PGPUB; USPAT	SAME	OFF	2008/07/30 14:39
S130	19228	channel spacer	US-PGPUB; USPAT	SAME	OFF	2008/07/30 14:42
S131	0	channel near nspacer	US-PGPUB; USPAT	SAME	OFF	2008/07/30 14:42
S132	744	channel near spacer	US-PGPUB; USPAT	SAME	OFF	2008/07/30 14:42
S133	18	S132 and compressor	US-PGPUB; USPAT	SAME	OFF	2008/07/30 14:42
S134	2	S132 and "417".clas.	US-PGPUB; USPAT	SAME	OFF	2008/07/30 14:42
S135	0	spacer adj pugh adj spring	US-PGPUB; USPAT	SAME	OFF	2008/07/30 14:44
S136	0	spacer adj push adj spring	US-PGPUB; USPAT	SAME	OFF	2008/07/30 14:44
S137	509	spacer adj spring	US-PGPUB; USPAT	SAME	OFF	2008/07/30 14:44
S138	45	channel adj shaped adj spacer	US-PGPUB; USPAT	SAME	OFF	2008/07/30 14:46
S139	0	("2006/0130411").URPN.	USPAT	OR	OFF	2008/07/30 14:47
S140	1823	locking near channel	USPAT	OR	OFF	2008/07/30 15:03
S141	1615	locking with pin with channel	USPAT	OR	OFF	2008/07/30 15:03
S142	1064	lock with pin with channel	USPAT	OR	OFF	2008/07/30 15:03
S143	21	lock pin channel	USPAT	NEAR	OFF	2008/07/30 15:03
S144	53	locking pin channel	USPAT	NEAR	OFF	2008/07/30 15:03

S145	0	channel eccentric sleeve	USPAT	NEAR	OFF	2008/07/30 15:08
S146	28	channel eccentric sleeve	USPAT	WITH	OFF	2008/07/30 15:08
S147	173545	spacer	USPAT	WITH	OFF	2008/07/30 15:10
S148	484	spacer spring bolt	USPAT	WITH	OFF	2008/07/30 15:10
S149	2	spacer spring bolt	USPAT	NEAR	OFF	2008/07/30 15:10
S150	11	spring loaded bolt spacer	USPAT	WITH	OFF	2008/07/30 15:11
S151	414	(spring loaded bolt)	USPAT	ADJ	OFF	2008/07/30 15:12
S152	2	(spring loaded bolt) with spacer	USPAT	ADJ	OFF	2008/07/30 15:13
S153	4	(spring loaded bolt) with channel	USPAT	ADJ	OFF	2008/07/30 15:13
S154	8	(channel spacer) with bolt	USPAT	ADJ	OFF	2008/07/30 15:14
S155	2	two sided spacer	USPAT	ADJ	OFF	2008/07/30 15:16
S156	369	u shap\$ spacer	USPAT	ADJ	OFF	2008/07/30 15:17
S157	369	"u" shap\$ spacer	USPAT	ADJ	OFF	2008/07/30 15:17
S158	1	"7146903"	US-PGPUB; USPAT	OR	OFF	2008/07/30 16:13
S159	9	"3,873,446"	US-PGPUB; USPAT	OR	OFF	2008/07/30 16:13
S160	10	"5,725,593"	US-PGPUB; USPAT	OR	OFF	2008/07/30 16:14
S161	10	"3,416,177"	US-PGPUB; USPAT	OR	OFF	2008/07/30 16:15

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